

MAY 1995
 RICHMOND, VA
 NAT'L WEA SVC OFC., NOAA
 RIC INTL APT/EXEC TERMINAL

ISSN # 0198-537X



LOCAL CLIMATOLOGICAL DATA MONTHLY SUMMARY

R.E. BYRD INTERNATIONAL AP.

LATITUDE 37° 30'N LONGITUDE 77° 20'W ELEVATION (GROUND) 164 FEET TIME ZONE EASTERN 13740

MAY 1995
RICHMOND, VA

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65 °F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORMS 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW/ICE ON GRD AT 0700 (IN.)	PRECIPITATION (INCHES)		AVERAGE STATION PRESSURE (INCHES OF Hg) ELEV. 177 (FT. MSL)	WIND (M.P.H.)					SUNSHINE		SKY COVER TENTHS																	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING	COOLING			WATER EQUIVALENT	SNOW ICE PELLETS		RESULTANT DIR.	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST	FASTEST 2-MIN	MINUTES	PERCENT POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT																
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23														
01	64	47	56	-6	45.3	9	0	1	0	0.10	0.0	29.750	02	4.4	7.5	15	N	10	34	380	46	9	9														
02	51	47	49*	-13	46.4	16	0	1	0	1.12	0.0	29.590	01	7.7	9.9	26	E	18	09	5	1	10	10														
03	69	43	56	-6	42.3	9	0	1	8	0.00	0.0	29.860	32	3.3	6.7	15	N	12	35	806	97	3	3														
04	70	48	59	-4	49.5	6	0	1	0	0.01	0.0	29.910	20	6.1	7.0	17	SE	12	19	108	13	9	9														
05	69	56	63	0	51.8	2	0	1	0	0.17	0.0	29.745	31	7.3	9.7	22	NW	15	30	468	56	7	6														
06	74	46	60	-3	43.0	5	0	8	0	0.00	0.0	29.840	31	8.2	9.5	23	NW	16	32	815	98	3	2														
07	73	43*	58	-5	39.8	7	0	0	0	0.00	0.0	29.900	32	4.1	5.1	23	NW	14	32	816	98	3	2														
08	72	48	60	-4	37.0	5	0	0	0	0.00	0.0	29.940	01	5.3	7.2	21	N	12	02	778	93	2	2														
09	74	44	59	-5	44.5	6	0	0	0	T	0.0	29.910	14	6.4	7.0	16	SE	13	15	446	53	8	7														
10	84	63	74	10	65.0	0	9	1	3	0.52	0.0	29.630	19	9.4	10.9	20	S	15	17	520	62	9	9														
11	83	60	72	7	59.1	0	7	1	3	0.08	0.0	29.510	26	6.1	9.4	23	SW	16	27	646	77	4	5														
12	74	53	64	-1	51.3	1	0	0	0	0.00	0.0	29.610	35	6.8	7.3	17	N	13	01	325	38	7	7														
13	79	51	65	0	52.8	0	0	1	8	0.00	0.0	29.760	26	1.1	3.8	16	W	12	28	676	80	8	7														
14	67	59	63	-2	59.2	2	0	1	3	0.71	0.0	29.750	10	7.0	8.1	24	NW	20	32	71	8	10	10														
15	81	56	69	3	57.5	0	4	2	0	0.00	0.0	29.685	35	5.5	8.3	22	NW	14	34	628	74	8	8														
16	79	54	67	1	52.0	0	2	1	0	0.00	0.0	29.770	15	4.3	7.3	15	S	12	14	639	75	7	6														
17	83	64	74	8	65.3	0	9	1	8	T	0.0	29.600	20	13.7	14.0	35	SW	23	22	167	20	10	10														
18	89	71	80*	13	67.6	0	15	1	8	0.00	0.0	29.540	21	9.9	11.1	24	SW	16	24	332	39	10	9														
19	83	52	68	1	59.0	0	3	3	0	0.29	0.0	29.490	25	4.0	10.1	31	N	20	35	727	85	9	8														
20	82	50	66	-1	48.5	0	1	0	0	0.00	0.0	29.680	24	3.2	5.2	13	W	9	21	825	96	2	2														
21	82	53	68	1	52.0	0	3	0	0	0.00	0.0	29.790	21	5.8	7.0	20	SW	14	22	730	85	9	7														
22	81	58	70	2	51.5	0	5	0	0	0.00	0.0	29.930	03	3.3	5.3	18	N	12	01	803	93	3	4														
23	82	53	68	0	51.3	0	3	0	0	0.00	0.0	30.055	15	6.0	7.0	18	SE	14	15	851	99	3	3														
24	87	58	73	5	58.2	0	8	0	0	0.00	0.0	29.960	19	10.8	11.2	24	SW	18	20	854	99	2	2														
25	89*	63	76	7	64.0	0	11	1	3	0.97	0.0	29.865	18	4.7	8.2	36	W	24	30	668	77	6	6														
26	78	65	72	3	65.8	0	7	1	8	0.01	0.0	29.900	05	4.0	6.7	17	N	14	02	353	41	9	9														
27	70	57	64	-5	58.0	1	0	1	8	T	0.0	30.035	07	8.1	8.7	18	NE	14	02	173	20	10	9														
28	66	57	62	-7	59.8	3	0	1	0	0.35	0.0	30.070	09	4.2	7.0	16	SE	12	15	0	0	10	10														
29	86	65	76	6	66.1	0	11	1	3	0.00	0.0	29.860	20	11.1	11.5	23	SW	18	21	342	39	9	8														
30	79	59	69	-1	58.2	0	4	1	0	0.00	0.0	29.810	33	5.2	8.6	21	NW	15	36	647	74	7	5														
31	80	55	68	-2	55.0	0	3	0	0	0.00	0.0	29.925	05	3.6	6.4	14	E	10	09	735	84	10	7														
SUM		SUM		TOTAL		TOTAL		NUMBER OF DAYS		TOTAL		TOTAL		FOR THE MONTH :					TOTAL		%		SUM		SUM												
2380		1698		72		105		11		4.33		0.0		29.795		21		1.1		8.2		36		W		24		30		16334		FOR		216		201	
AVG.		AVG.		AVG.		DEP.		AVG.		DEP.		DEP.		PRECIPITATION		DEP.		DATE: 25		DATE: 25		POSS		MONTH		AVG		AVG									
76.8		54.8		65.8		-0.2		54.1		11		13		≥ .01 INCH		11		0.49				26382		62		7.0		6.5									
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES						GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE, OR HAIL AND DATE																					
MAXIMUM TEMP		MINIMUM TEMP		3445		141		THUNDERSTORMS		6		PRECIPITATION		SNOW, ICE PELLETS																							
≥ 90°		≥ 90°		≤ 32°		≤ 0°		DEP.		DEP.		HEAVY FOG		1		1.22		01-02		0.0		0															
0		0		0		0		-518		39		CLEAR		8		PARTLY CLOUDY		6		CLOUDY		17															

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE. DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS.
 † TRACE AMOUNT.
 + ALSO ON EARLIER DATE(S).
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
 COLS 16 & 17 : PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED.
 ONE OF TWO WINDS IS GIVEN UNDER COLS 18 & 19 : FASTEST MILE- HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED TWO MINUTE WIND - HIGHEST TWO MINUTE SPEED (DIRECTION IN TENS OF DEGREES).
 ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

Kenneth D. Hadean
 DIRECTOR NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

MAY 1995 13740
RICHMOND, VA

HOUR	L. S. T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	WHOLE MILES VISIBILITY	WEATHER	TEMPERATURE				WIND					
						AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY%	DIRECTION	SPEED (KNOTS)					AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY%	DIRECTION	SPEED (KNOTS)					AIR ° F	WET BULB ° F	DEW POINT ° F	REL HUMIDITY%	DIRECTION	SPEED (KNOTS)				
MAY 01						49	48	47	93	34	8	MAY 02						51	50	49	93	09	9	MAY 03						47	46	44	89	33	6
01	10	8	5		T	49	47	45	86	33	7	10	12	2	2	RF	47	46	45	93	06	14	10	24	7			47	46	44	89	33	6		
04	10	23	7			49	47	45	86	33	7	10	12	2	2	RF	47	46	45	93	06	14	3	UNL	10		H	45	44	43	93	33	6		
07	7	16	7			49	47	44	83	33	8	10	13	2	2	RF	47	46	46	96	04	9	0	UNL	5			47	45	43	86	31	7		
10	9	24	10			53	49	44	72	32	7	10	7	3	3	LF	50	50	49	96	36	13	0	UNL	12			58	50	42	56	02	7		
13	8	39	10			61	52	44	54	34	5	10	11	3	3	LF	50	49	47	90	35	10	5	UNL	15			65	53	42	43	35	4		
16	10	48	10			61	52	44	54	09	6	10	13	10			50	49	47	90	35	7	5	UNL	12			68	54	40	36	36	6		
19	9	150	10			57	51	46	67	08	7	10	9	10			48	47	45	89	34	7	1	UNL	12			60	52	45	58	18	5		
22	10	60	7		R	53	50	48	83	00	0	10	23	10			47	46	45	93	34	6	0	UNL	12			52	48	44	74	17	3		
MAY 04						50	47	44	80	18	5	MAY 05						59	57	56	90	18	4	MAY 06						54	49	44	69	29	5
01	2	UNL	12			53	49	45	74	24	6	10	85	5		FF	58	57	57	97	20	3	0	UNL	10			52	48	44	74	29	5		
04	10	250	10			53	50	48	83	20	5	8	13	1	8	FF	60	59	58	93	25	4	0	UNL	6		H	56	50	45	67	29	7		
07	10	130	10			60	54	48	65	21	7	10	27	5		FF	63	60	57	81	33	8	3	UNL	10			66	54	43	43	32	14		
10	10	110	10			63	55	48	58	22	6	9	41	7		FF	66	59	54	65	34	11	1	UNL	10			70	55	41	35	32	13		
13	10	90	10			69	58	49	49	19	10	8	110	10			66	58	51	59	32	13	5	UNL	10			74	57	41	31	29	13		
16	10	150	10			63	57	53	70	16	6	2	UNL	10			63	53	44	50	31	11	8	UNL	12			67	54	41	39	32	4		
19	10	85	10		R	62	58	54	75	19	9	0	UNL	10			59	51	43	56	30	10	0	UNL	12			53	49	45	74	02	5		
22	10	39	10																																
MAY 07						47	45	42	83	00	0	MAY 08						51	48	44	77	00	0	MAY 09						51	47	42	72	13	3
01	0	UNL	12			45	43	41	86	25	3	0	UNL	12			51	46	41	69	36	10	2	UNL	12			47	44	41	80	20	4		
04	0	UNL	12			52	48	43	72	01	7	0	UNL	12			54	47	39	57	02	8	8	UNL	7			55	50	44	67	18	2		
07	9	250	12			64	52	40	42	29	6	0	UNL	12			61	47	31	32	01	9	4	UNL	10			68	53	39	35	14	8		
10	0	UNL	12			64	48	40	42	29	6	0	UNL	12			61	47	31	32	01	9	4	UNL	10			68	53	39	35	14	8		
13	0	UNL	12			69	52	34	28	31	10	1	UNL	15			68	51	33	27	32	8	10	140	10			73	57	42	33	17	7		
16	3	UNL	15			72	53	34	25	33	7	5	UNL	12			71	52	31	23	32	4	10	41	10			70	56	43	38	13	9		
19	1	UNL	12			67	52	36	32	25	5	8	250	12			65	52	38	37	05	4	10	47	10		R	65	57	50	59	11	6		
22	0	UNL	12			51	48	45	80	00	0	9	150	12			56	48	40	55	14	3	10	140	10			63	56	50	63	14	10		
MAY 10						64	60	57	78	16	8	MAY 11						69	68	68	97	24	4	MAY 12						64	58	53	68	36	9
01	10	110	7			65	64	63	93	17	11	7	110	6		TF	61	61	61	100	17	5	8	120	8			64	58	53	68	36	9		
04	10	55	2		TRWF	66	65	65	97	19	11	6	250	6		F	65	64	63	93	19	5	10	85	10			63	56	51	65	01	9		
07	9	110	2	8	F	73	69	66	79	24	8	5	UNL	12		F	78	69	64	62	25	9	2	UNL	10			61	56	51	70	36	8		
10	10	20	6		H	81	72	67	63	22	13	5	UNL	12			78	69	64	62	25	9	2	UNL	10			69	58	50	51	36	9		
13	9	45	10			84	70	63	49	19	9	4	UNL	12			81	65	55	41	26	11	9	75	10			72	60	51	48	31	7		
16	7	UNL	10			74	70	67	79	17	9	0	UNL	12			82	66	55	40	27	12	9	55	10			71	59	49	46	02	4		
19	10	250	10			74	70	67	79	17	9	0	UNL	12			75	63	55	50	31	6	5	UNL	10			66	59	53	63	34	5		
22	10	60	7		T	72	68	66	82	19	9	4	UNL	10			64	61	58	81	32	6	0	UNL	8			58	56	54	87	00	0		
MAY 13						54	53	52	93	36	3	MAY 14						64	61	58	81	13	4	MAY 15						62	61	61	97	15	6
01	0	UNL	6			53	52	51	93	00	0	10	47	8		R	64	61	58	81	10	7	10	1	0	8	F	62	61	61	97	36	7		
04	0	UNL	4		F	59	56	53	81	30	3	10	70	8		F	64	61	58	81	10	7	10	1	0	4	FF	62	61	61	97	36	7		
07	10	UNL	6		H	69	59	51	53	00	0	10	21	7		TRW	64	59	56	75	10	10	10	11	3	4	F	64	62	61	90	34	7		
10	2	UNL	10			77	62	51	40	30	3	10	9	10		RW	59	58	58	97	08	7	10	UNL	12			70	64	60	71	36	9		
13	10	UNL	10			77	62	51	40	30	3	10	9	10			63	61	59	87	11	14	5	UNL	12			78	65	57	49	34	10		
16	10	250	10			78	63	52	41	27	9	10	11	10			66	63	61	84	08	6	8	UNL	12			80	63	50	35	34	12		
19	10	250	10			71	63	58	64	00	0	10	8	7		F	64	63	62	93	11	6	8	UNL	12			73	61	53	50	02	7		
22	10	55	10			66	61	58	76	10	7	10	11	6			64	62	61	90	08	4	4	UNL	10			62	58	55	78	00	0		
MAY 16						55	54	53	93	22	4	MAY 17						66	61	57	73	18	8	MAY 18						74	72	71	90	18	10
01	8	UNL	8			56	55	55	97	32	3	10	120	7		H	68	61	56	66	19	11	8	250	5	F	74	72	71	90	18	10			
04	0	UNL	5		F	62	56	51	67	35	6	10	110	7																					

OBSERVATIONS AT 3-HOUR INTERVALS

MAY 1995 13740
RICHMOND, VA

Table with columns for HOUR L.S.T., SKY COVER, CEILING IN HUNDREDS OF FEET, WHOLE MILES, VISIBILITY, WEATHER, TEMPERATURE (AIR, WET BULB, DEW POINT), REL HUMIDITY %, WIND (DIRECTION, SPEED), and similar fields for each day from May 19 to May 31.

SUMMARY BY HOURS

Table with columns for HOUR L.S.T., SKY COVER, STATION PRESSURE, AVERAGES (TEMPERATURE: AIR, WET BULB, DEW POINT; REL HUMIDITY; SPEED), and RESULTANT WIND (DIRECTION, SPEED).

WEATHER CODES AND NOTES

- & TORNADO
&C FUNNEL CLOUD
&W WATER SPOUT
T THUNDERSTORM
R RAIN
RW RAIN SHOWERS
ZR FREEZING RAIN
L DRIZZLE
ZL FREEZING DRIZZLE
S SNOW
SW SNOW SHOWERS
SG SNOW GRAINS
SP SNOW PELLETS
IC ICE CRYSTALS
IP ICE PELLETS
IPW ICE PELLET SHOWERS
A HAIL
F FOG
IF ICE FOG
GF GROUND FOG
BD BLOWING DUST
BN BLOWING SAND
BS BLOWING SNOW
BY BLOWING SPRAY
K SMOKE
H HAZE
D DUSTGL
GLAZE

CEILING: UNL INDICATES UNLIMITED
WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND IS BLOWING, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E. 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM.
SPEED: THE OBSERVED AVERAGE TWO-MINUTE VALUE (MPH=KNOTS X 1.15).

